

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081316\
 Data File : BG023693.D
 Acq On : 13 Aug 2016 17:49
 Operator : UM/SJ
 Sample : H4388-18
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR002-SS004-0002-01

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.476	106	108	114	rVB3	16088	22982	0.84%	0.071%
2	3.969	190	192	196	rBV5	4348	5688	0.21%	0.017%
3	4.016	196	200	203	rBV4	10796	17964	0.66%	0.055%
4	4.369	259	260	262	rBV2	6214	4124	0.15%	0.013%
5	4.868	343	345	347	rBV3	4596	4590	0.17%	0.014%
6	5.132	388	390	392	rBV2	4014	4705	0.17%	0.014%
7	5.397	433	435	437	rBV3	3764	4082	0.15%	0.013%
8	5.444	441	443	447	rVB5	3815	4584	0.17%	0.014%
9	5.649	476	478	481	rVB3	4847	4976	0.18%	0.015%
10	5.996	535	537	540	rVB4	5022	4612	0.17%	0.014%
11	6.025	540	542	544	rBV3	5328	5259	0.19%	0.016%
12	6.248	575	580	584	rVB5	4052	6612	0.24%	0.020%
13	6.771	662	669	677	rVB2	337527	549505	20.05%	1.686%
14	7.065	716	719	721	rBV4	6045	9067	0.33%	0.028%
15	7.088	721	723	725	rVB3	7680	5806	0.21%	0.018%
16	7.265	747	753	771	rVV	312964	605446	22.09%	1.858%
17	7.423	771	780	790	rVV	256171	451872	16.49%	1.387%
18	7.541	794	800	807	rVV2	70757	144149	5.26%	0.442%
19	7.641	810	817	830	rVB2	306086	553820	20.21%	1.699%
20	8.040	883	885	889	rBV4	4439	5999	0.22%	0.018%
21	8.111	889	897	906	rVV	410370	705554	25.75%	2.165%
22	8.322	928	933	941	rBV3	30429	53725	1.96%	0.165%
23	8.387	941	944	950	rVB5	7244	13081	0.48%	0.040%
24	8.827	1012	1019	1029	rBV	294756	536604	19.58%	1.647%
25	9.291	1091	1098	1107	rVV	337620	610326	22.27%	1.873%
26	9.714	1169	1170	1175	rBV4	4110	5698	0.21%	0.017%
27	10.020	1216	1222	1231	rBV2	300473	545658	19.91%	1.674%
28	10.137	1239	1242	1245	rBV4	2995	4796	0.18%	0.015%
29	10.355	1275	1279	1282	rVB4	3957	6637	0.24%	0.020%
30	10.572	1308	1316	1328	rBV	397280	800947	29.23%	2.458%
31	10.877	1365	1368	1371	rVB4	5337	8155	0.30%	0.025%
32	10.948	1371	1380	1387	rBV	619140	1145843	41.81%	3.516%
33	11.089	1397	1404	1418	rBV	304244	614292	22.42%	1.885%
34	11.177	1418	1419	1424	rVB5	6561	5200	0.19%	0.016%

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35	11.324	1440	1444	1445	rBV3	5194	6119	0.22%	0.019%
36	11.488	1470	1472	1476	rVB4	5100	4143	0.15%	0.013%
37	11.529	1476	1479	1483	rVB5	3930	5495	0.20%	0.017%
38	11.565	1483	1485	1487	rBV	4668	4351	0.16%	0.013%
39	11.618	1491	1494	1495	rBV3	4788	4643	0.17%	0.014%
40	11.670	1500	1503	1506	rVB5	3438	4288	0.16%	0.013%
41	11.717	1506	1511	1513	rBV3	3856	5511	0.20%	0.017%
42	11.947	1546	1550	1551	rBV3	3504	4399	0.16%	0.013%
43	11.982	1555	1556	1561	rVB4	5629	4922	0.18%	0.015%
44	12.182	1586	1590	1594	rVB6	4436	5199	0.19%	0.016%
45	12.540	1645	1651	1653	rBV5	11095	15769	0.58%	0.048%
46	13.374	1790	1793	1797	rVB5	6633	8908	0.33%	0.027%
47	13.433	1801	1803	1806	rBV3	4862	5031	0.18%	0.015%
48	13.539	1815	1821	1823	rBV6	8964	13191	0.48%	0.040%
49	13.650	1836	1840	1846	rVB6	18676	30264	1.10%	0.093%
50	13.715	1849	1851	1856	rBV4	5079	6683	0.24%	0.021%
51	14.032	1901	1905	1911	rBV4	23897	40061	1.46%	0.123%
52	14.102	1911	1917	1922	rVB8	11228	24393	0.89%	0.075%
53	14.179	1922	1930	1934	rBV	926206	1341564	48.96%	4.117%
54	14.226	1934	1938	1945	rVB	390115	542614	19.80%	1.665%
55	14.343	1954	1958	1959	rBV4	5561	7676	0.28%	0.024%
56	14.414	1968	1970	1971	rBV	5943	4183	0.15%	0.013%
57	14.478	1974	1981	1990	rVV	965053	1535626	56.04%	4.712%
58	14.649	2007	2010	2014	rBV3	18739	27715	1.01%	0.085%
59	14.731	2019	2024	2028	rVV2	102911	152929	5.58%	0.469%
60	14.784	2028	2033	2040	rVB2	1104757	1740339	63.51%	5.340%
61	14.931	2053	2058	2061	rBV5	10857	18407	0.67%	0.056%
62	15.013	2065	2072	2075	rBV	229833	435961	15.91%	1.338%
63	15.154	2093	2096	2099	rBV4	7821	10713	0.39%	0.033%
64	15.395	2135	2137	2141	rBV5	4101	5341	0.19%	0.016%
65	15.501	2152	2155	2161	rBV7	7539	12475	0.46%	0.038%
66	15.559	2161	2165	2166	rBV3	6797	7736	0.28%	0.024%
67	15.606	2169	2173	2177	rBV	40451	54880	2.00%	0.168%
68	15.783	2196	2203	2209	rBV	1307129	2078956	75.86%	6.379%
69	15.912	2219	2225	2237	rBV	361050	595920	21.75%	1.829%
70	16.106	2256	2258	2260	rBV3	8528	7001	0.26%	0.021%
71	16.235	2277	2280	2284	rBV6	13281	16920	0.62%	0.052%

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72	16.346	2296	2299	2304	rBV7	17701	27818	1.02%	0.085%
73	16.435	2310	2314	2318	rBV7	16896	35399	1.29%	0.109%
74	16.476	2318	2321	2323	rBV2	49182	55343	2.02%	0.170%
75	16.552	2332	2334	2335	rBV2	6344	4114	0.15%	0.013%
76	16.623	2343	2346	2352	rBV6	28700	47118	1.72%	0.145%
77	16.987	2406	2408	2410	rVB3	9203	4957	0.18%	0.015%
78	17.198	2442	2444	2445	rBV2	8379	6905	0.25%	0.021%
79	17.269	2453	2456	2461	rVB2	32455	42487	1.55%	0.130%
80	17.416	2477	2481	2487	rBV3	103391	166979	6.09%	0.512%
81	17.486	2489	2493	2497	rVV4	66661	96130	3.51%	0.295%
82	17.551	2498	2504	2509	rVV	1432255	2226577	81.25%	6.832%
83	17.592	2509	2511	2515	rVV2	93603	125483	4.58%	0.385%
84	17.651	2515	2521	2531	rVB2	1423398	2157118	78.72%	6.619%
85	17.921	2563	2567	2568	rBV4	11123	15259	0.56%	0.047%
86	18.309	2627	2633	2638	rBV3	68927	115607	4.22%	0.355%
87	18.361	2640	2642	2646	rBV4	31098	38918	1.42%	0.119%
88	18.420	2648	2652	2660	rBV3	364660	519246	18.95%	1.593%
89	18.632	2683	2688	2690	rBV4	20462	36085	1.32%	0.111%
90	18.720	2700	2703	2709	rVB8	21777	39593	1.44%	0.121%
91	18.931	2735	2739	2743	rBV7	18593	31544	1.15%	0.097%
92	19.342	2805	2809	2813	rVB5	27339	33683	1.23%	0.103%
93	19.607	2846	2854	2860	rVB	230290	389327	14.21%	1.195%
94	19.689	2865	2868	2875	rVB5	54898	85236	3.11%	0.262%
95	19.942	2905	2911	2925	rBV3	1687738	2740369	100.00%	8.409%
96	21.481	3169	3173	3178	rVB5	73349	120037	4.38%	0.368%
97	21.727	3212	3215	3221	rVB2	100571	135920	4.96%	0.417%
98	21.874	3233	3240	3246	rBV2	1437355	2524711	92.13%	7.747%
99	25.041	3771	3779	3789	rVB2	713490	2025792	73.92%	6.216%
100	25.281	3810	3820	3831	rVB4	807393	2477989	90.43%	7.604%

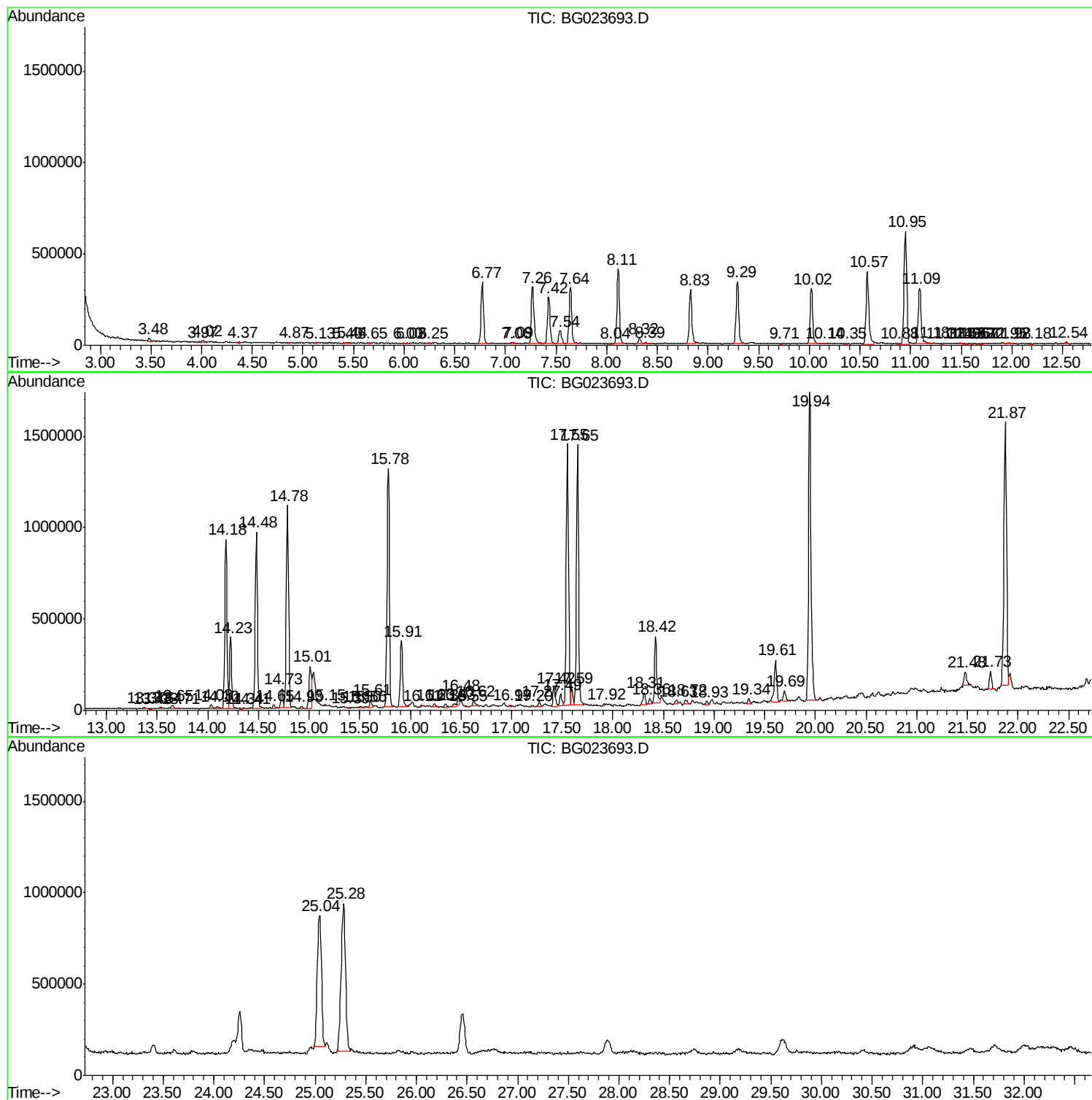
Sum of corrected areas: 32588428

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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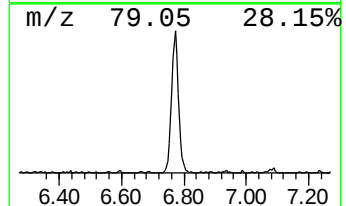
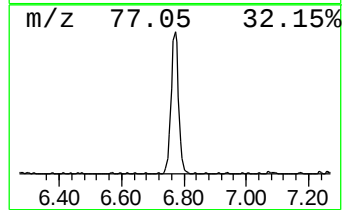
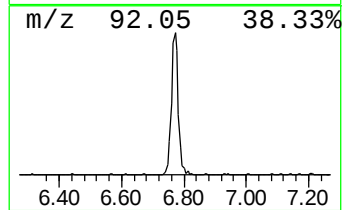
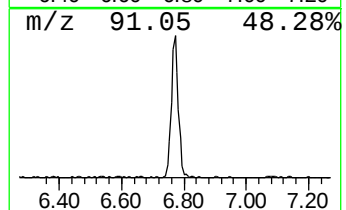
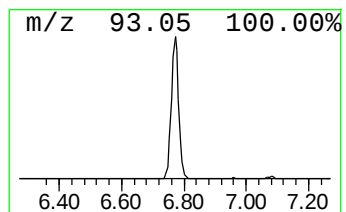
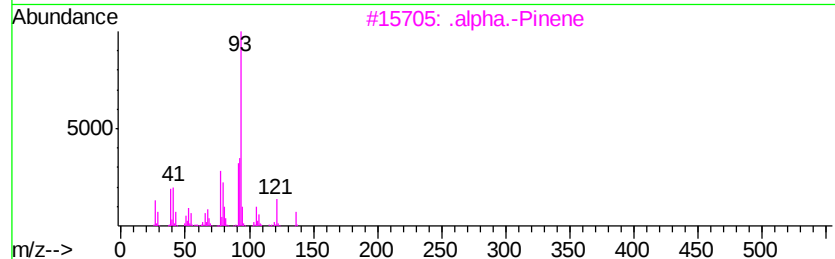
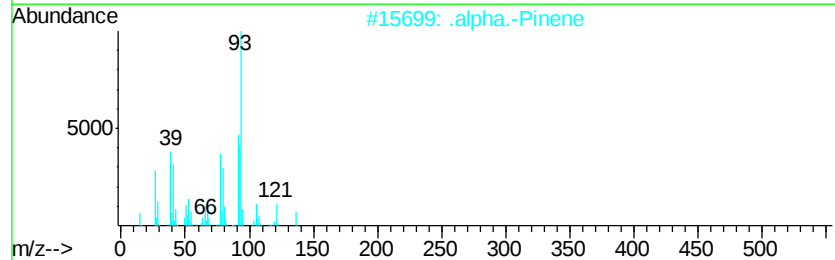
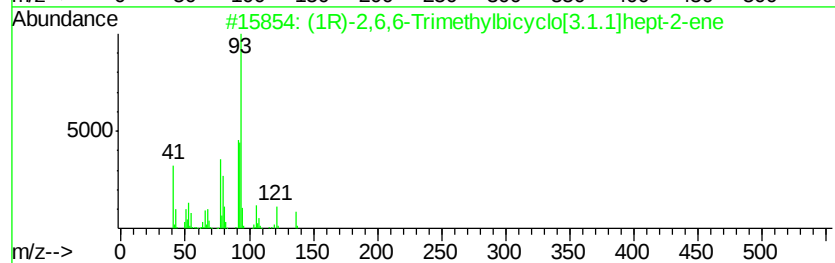
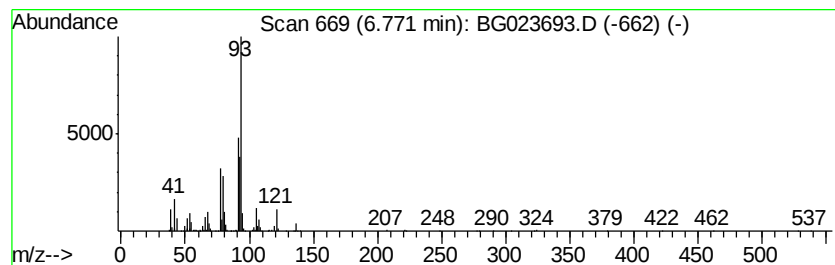
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	15.58 ng/ul	549505	1,4-Dichlorobenzene-d4	8.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	95
2		.alpha.-Pinene	136	C10H16	000080-56-8	94
3		.alpha.-Pinene	136	C10H16	000080-56-8	94
4		Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
5		.alpha.-Pinene	136	C10H16	000080-56-8	91



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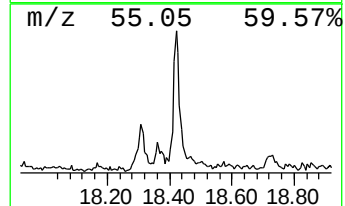
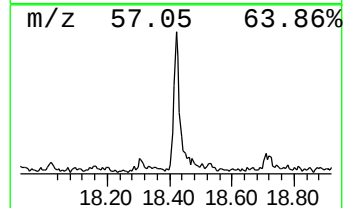
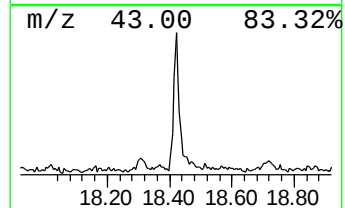
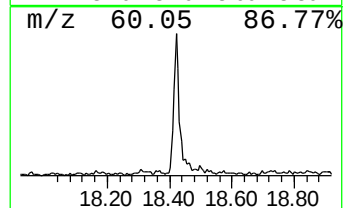
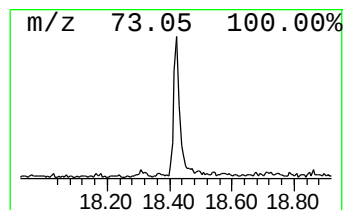
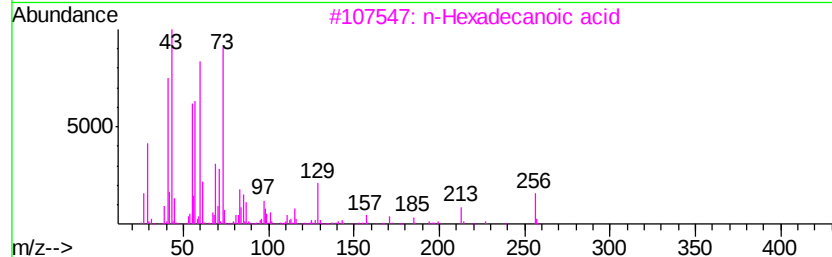
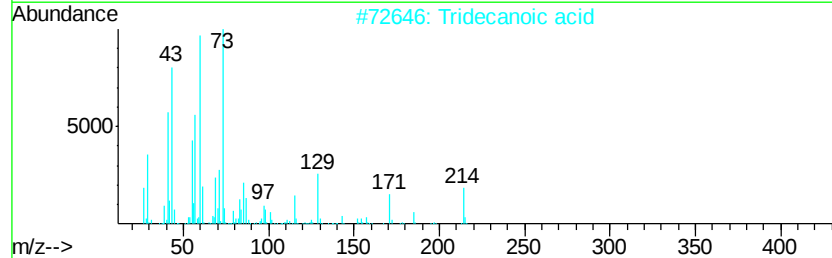
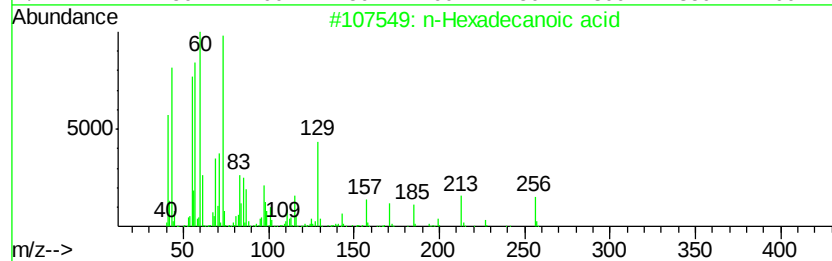
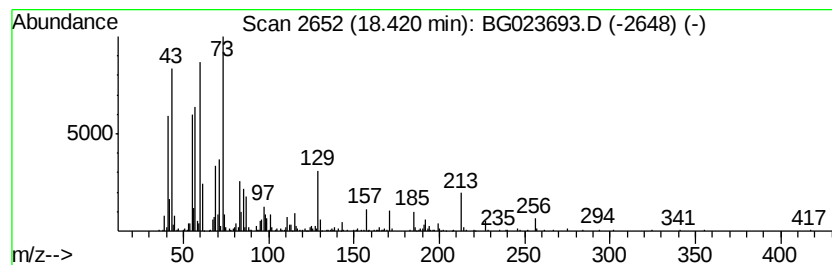
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	4.66 ng/ul	519246	Phenanthrene-d10	17.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2		Tridecanoic acid	214	C13H26O2	000638-53-9	89
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4		Tridecanoic acid	214	C13H26O2	000638-53-9	76
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	68



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(1R)-2,6,6-Trimet...	6.77	15.6	ng/ul	549505	1	8.11	705554	20.0
n-Hexadecanoic acid	18.42	4.7	ng/ul	519246	4	17.55	2226580	20.0